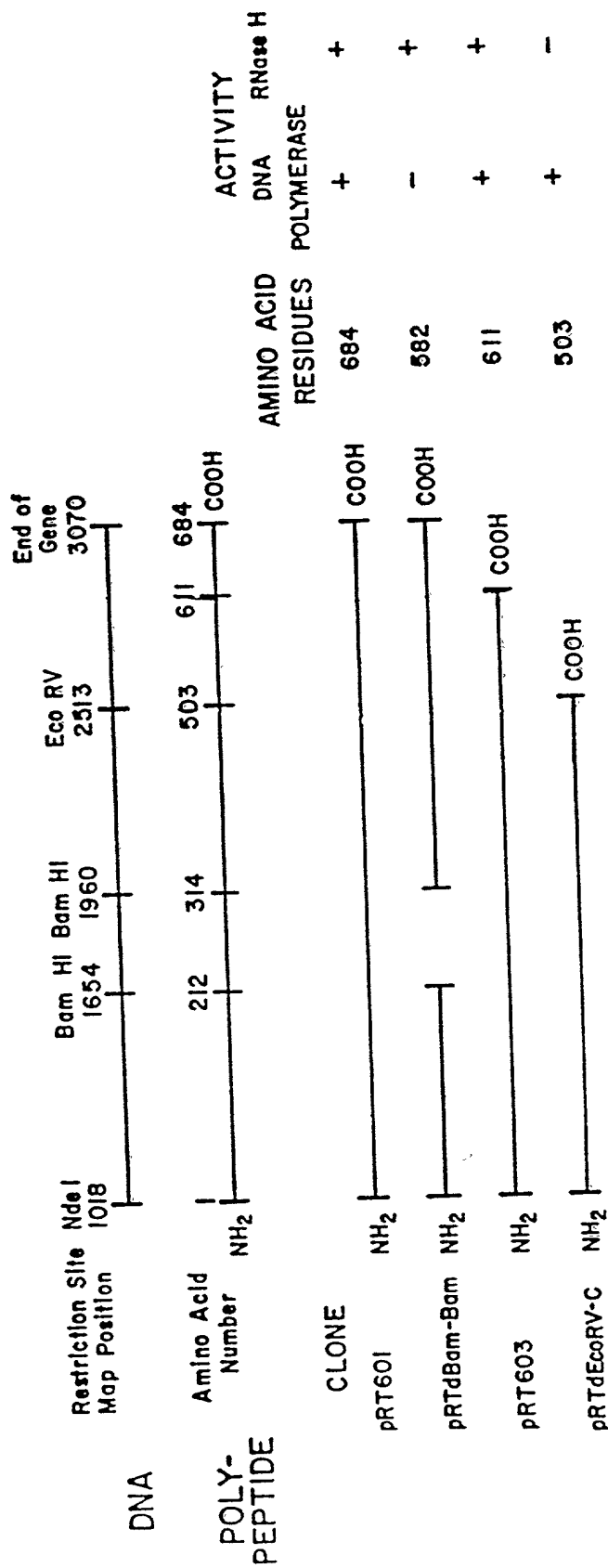


Figure 1

Figure 2



1002449-1200

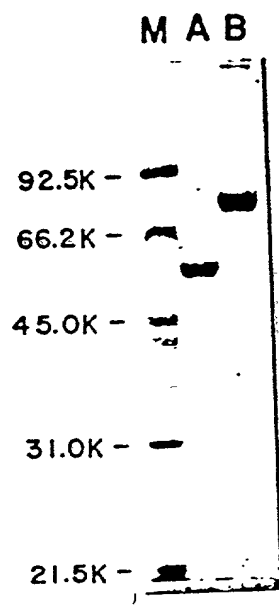


Figure 3

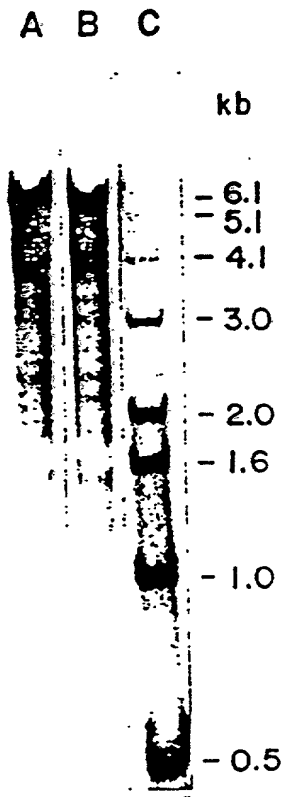


Figure 4

Figure 5

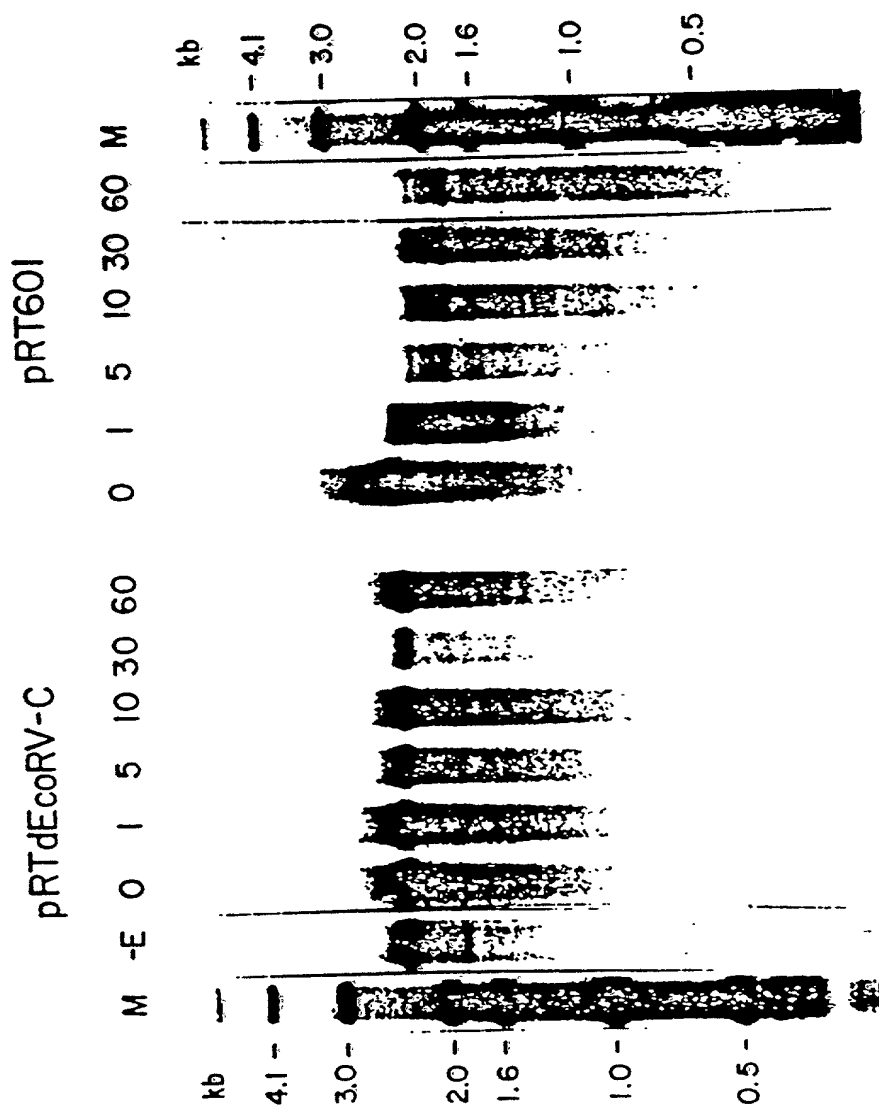


FIGURE 6

1078

ATG ACC CTA AAT ATA GAA GAT GAG CAT CGG CTA CAT GAG ACC TCA AAA GAG CCA GAT GGT
 MET Thr Leu Asn Ile Glu Asp Glu His Arg Leu His Glu Thr Ser Lys Glu Pro Asp Val

1138

TCT CTA GGG TOC ACA TGG CTG TCT GAT TTT OCT CAG GOC TGG GCG GAA ACC GGG GGC ATG
 Ser Leu Gly Ser Thr Trp Leu Ser Asp Phe Pro Gln Ala Trp Ala Glu Thr Gly Gly MET

1198

GGA CTG GCA GGT GCG CAA GCT OCT CTG ATC ATA OCT CTG AAA GCA ACC TCT ACC CCG GTC
 Gly Leu Ala Val Arg Gln Ala Pro Leu Ile Ile Pro Leu Lys Ala Thr Ser Thr Pro Val

1258

TOC ATA AAA CAA TAC CCG ATG TCA CAA GAA GOC AGA CTG GGG ATC AAG CCG CAC ATA CAG
 Ser Ile Lys Gln Tyr Pro MET ser Gln Glu Ala Arg Leu Gly Ile Lys Pro His Ile Gln

1318

AGA CTG TTG GAC CAG GGA ATA CTG GTA CCG TGC CAG TOC CCG TGG AAC ACG CCG CTG CTA
 Arg Leu Leu Asp Gln Gly Ile Leu Val Pro Cys Gln Ser Pro Trp Asn Thr Pro Leu Leu

1378

CCG GGT AAG AAA CCA GGG ACT AAT GAT TAT AGG OCT GTC CAG GAT CTG AGA GAA GTC AAC
 Pro Val Lys Lys Pro Gly Thr Asn Asp Tyr Arg Pro Val Gln Asp Leu Arg Glu Val Asn

1438

AAG CCG GTG GAA GAC ATC CAC CCG ACC GTG CCG AAC CCT TAC AAC CTC TTG AGC GGG CTC
 Lys Arg Val Glu Asp Ile His Pro Thr Val Pro Asn Pro Tyr Asn Leu Leu Ser Gly Leu

1498

CCA CCG TOC CAC CAG TGG TAC ACT GTG CTT GAT TTA AAG GAT GOC TTT TTC TGC CTG AGA
 Pro Pro Ser His Gln Trp Tyr Thr Val Leu Asp Leu Lys Asp Ala Phe Phe Cys Leu Arg

1558

CTC CAC CCG ACC AGT CAG OCT CTC TTC GOC TTT GAG TGG AGA GAT CCA GAG ATG GGA ATC
 Leu His Pro Thr Ser Gln Pro Leu Phe Ala Phe Glu Trp Arg Asp Pro Glu MET Gly Ile

1618

TCA GGA CAA TTG ACC TGG ACC AGA CTC CCA CAG GGT TTC AAA AAC AGT CCG ACC CTG TTT
 Ser Gly Gln Leu Thr Trp Thr Arg Leu Pro Gln Gly Phe Lys Asn Ser Pro Thr Leu Phe

1678

GAT GAG GCA CTG CAC AGA GAC CTA GCA GAC TTC CGG ATC CAG CAC CCA GAC TTG ATC CTG
 Asp Glu Ala Leu His Arg Asp Leu Ala Asp Phe Arg Ile Gln His Pro Asp Leu Ile Leu

1738

CTA CAG TAC GTG GAT GAC TTA CTG CTG GOC GOC ACT TCT GAG CTA GAC TGC CAA CAA GGT
 Leu Gln Tyr Val Asp Asp Leu Leu Leu Ala Ala Thr Ser Glu Leu Asp Cys Gln Gln Gly

1798

ACT CGG GOC CTG TTA CAA ACC CTA GGG AAC CTC GGG TAT CGG GOC TGG GOC AAG AAA GOC
 Thr Arg Ala Leu Leu Gln Thr Leu Gly Asn Leu Gly Tyr Arg Ala Ser Ala Lys Lys Ala

SP9
MLK.

1858
CAA ATT TGC CAG AAA CAG GTC AAG TAT CTG GGG TAT CTT CTA AAA GAG GGT CAG AGA TGG
Gln Ile Cys Gln Lys Gln Val Lys Tyr Leu Gly Tyr Leu Leu Lys Glu Gly Gln Arg Trp

1918
CTG ACT GAG GGC AGA AAA GAG ACT GIG ATG GGG CAG OCT ACT CCG AAG ACC OCT CCA CAA
Leu Thr Glu Ala Arg Lys Glu Thr Val MET Gly Gln Pro Thr Pro Lys Thr Pro Arg Gln

1978
CTA AGG GAG TTC CTA GGG ACG GCA GGC TTC TGT CCG CTC TGG ATC OCT GGG TTT CCA GAA
Leu Arg Glu Phe Leu Gly Thr Ala Gly Phe Cys Arg Leu Trp Ile Pro Gly Phe Ala Glu

2038
ATG CCA GGC CCG TTG TAC OCT CTC ACC AAA ACG GGG ACT CTG TTT AAT TGG GGC CCA GAC
MET Ala Ala Pro Leu Tyr Pro Leu Thr Lys Thr Gly Thr Leu Phe Asn Trp Gly Pro Asp

2098
CAA CAA AAG GGC TAT CAA GAA ATC AAG CAA GGT CTT CTA ACT GGC CCA GGC CTG GGG TTG
Gln Gln Lys Ala Tyr Gln Glu Ile Lys Gln Ala Leu Leu Thr Ala Pro Ala Leu Gly Leu

2158
CCA GAT TTG ACT AAG CCG TTT GAA CTC TTT GTC GAC GAG AAG CAG GGC TAC GGC AAA GGT
Pro Asp Leu Thr Lys Pro Phe Glu Leu Phe Val Asp Glu Lys Gln Gly Tyr Ala Lys Gly

2218
GTC CTA ACG CAA AAA CTG GGA OCT TGG GGT CCG CCG GIG GGC TAC CTG TOC AAA AAG CTA
Val Leu Thr Gln Lys Leu Gly Pro Trp Arg Arg Pro Val Ala Tyr Leu Ser Lys Lys Leu

2278
GAC CCA GTA GCA GGT GGG TGG CCG OCT TGC CTA CCG ATG GTA GCA GGC ATT GGC GTA CTG
Asp Pro Val Ala Ala Gly Trp Pro Pro Cys Leu Arg MET Val Ala Ala Ile Ala Val Leu

2338
ACA AAG GAT GCA GGC AAG CTA ACC ATG GGA CAG CCA CTA GTC ATT CTG GGC CCG CAT GCA
Thr Lys Asp Ala Gly Lys Leu Thr MET Gly Gln Pro Leu Val Ile Leu Ala Pro His Ala

2398
GTA GAG GCA CTA GTC AAA CAA CCG CCG GAC CCG TGG CTT TOC AAC GGC CCG ATG ACT CAC
Val Glu Ala Leu Val Lys Gln Pro Pro Asp Arg Trp Leu Ser Asn Ala Arg MET Thr His

2458
TAT CAG GGC TTG CTT TTG GAC ACG GAC CCG GTC CAG TTC GCA CCG GTC GTA GGC CTG AAC
Tyr Gln Ala Leu Leu Leu Asp Thr Asp Arg Val Gln Phe Gly Pro Val Val Ala Leu Asn

2518
CCG GCT ACG CTG CTC CCA CTG OCT GAG GAA GGG CTG CAA CAC AAC TGC CTT GAT AAT TOC
Pro Ala Thr Leu Leu Pro Leu Pro Glu Glu Gly Leu Gln His Asn Cys Leu Asp Asn Ser

2533

CGC TTA ATT AAT TAA
Arg Leu Ile Asn